

Notice of Allowability

Application No.

09/552,564

Examiner

Thai D Hoang

Applicant(s)

BINDER, YEHUDA

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed on 06/16/2004.
2. ☒ The allowed claim(s) is/are 1-28.
3. ☒ The drawings filed on 16 April 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Allowable Subject Matter

Claims 14-15, 38 and 40-52 have been renumbered as 13-28 respectively.

Claims 1-28 are allowed.

The following is an examiner's statement of reasons for allowance:

Hirata et al, US Patent No. 5,150,365, discloses a LAN communication system for coexistent base band and broadband signals. Okazaki discloses "A Transmitting and Receiving Method for CDMA Communications Over Indoor Electrical Power Lines". Both Hirata and Okazaki do not teach or fairly suggest the following features, which are recited in each independent claim of the present application:

1. A local area network within a building for transporting data among a plurality of data units, the local area network comprising at least one wired segment and at least one non-wired segment, wherein said at least one wired segment includes:
 - (a) at least one electrically-conducting line;
 - (b) at least two outlets; and
 - (c) at least one wired modem coupled to said electrically-conducting line, operative to communicate over said electrically-conducting line; and wherein said at least one non-wired segment is operative to communicating data without electrically-conducting media and includes at least one non-wired modem, wherein at least one of said outlets couples a wired segment to a non-wired segment, and wherein said at least one electrically-conducting line is furthermore operative for concurrently distributing a service other than the transport of data communication signals; and wherein said non-

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wired segment is furthermore operative to communicating data by sound as recited in claims 1 and 26.

2. An adapter module for use in upgrading existing wiring of a building so as to support a local area network having at least one wired segment coupled to an outlet and at least one non-wired segment, the adapter module comprising:

means for detachably electrically and mechanically coupling the module to the outlet;

at least one non-wired modem operative for transporting signals to and from said wired segment, when said module is coupled to the outlet, over said at least one non-wired segment, and

at least one wired modem for transporting data communication signals over the at least one wired segment to enable the at least one wired segment to concurrently distribute data communication signals and a service other than data communication signals, and the services is one of a telephone service, an electrical power service, and a cable television service as recited in claim 15.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thai D Hoang whose telephone number is (571) 272-3184. The examiner can normally be reached on Monday-Friday 10:00am-6:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham can be reached on (571) 272-3179. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thai Hoang



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SUPERVISORY PATENT EXAMINER
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8/17/08